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TO: (Officer designation, room number, and building)	RECEIVED	FORWARDED	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)	
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FORM 610 USE PREVIOUS SECRET CONFIDENTIAL INTERNAL UNCLASSIFIED Declassified in Part - Sanitized Copy Approved for Release 2012/09/13 : CIA-RDP78-03535A000500040028-1

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Office Memorandum . United states government

SPM 7-580

TO: Chief, Engineering Division, OC

DATE: 4 June 1957

FROM

Chief, Supplemental Programs Division, OC

SUBJECT:

Oscillators - IN-3X and IN-1X

REF

ENG 7-464

- 1. The prototype oscillators forwarded under the reference have been examined and tested and recommendations for those changes required are outlined herewith.
- 2. The IN-3X fixed frequency reference oscillator has been found satisfactory and completely acceptable in its final prototype form. Fabrication of the complete order is therefore requested.
- 3. The IN-IX variable frequency audio oscillator has been found acceptable electrically, but certain mechanical deficiencies have been noted. These deficiencies are outlined below and will require correction before the unit can be accepted:
 - a. Excessive resettability error:
 Gear train has back lash when taken to extremes
 of tuning range.
 - b. Shorting of phone output jack:
 Phone output jack is shorted or grounded when cover is tightened by retaining screw.
 - c. Undue flexing of key and volume control wires and terminals: Both connecting wires and terminals of the volume control and micro-switch key are flexed when batteries are inserted or removed.
- 4. Attached is the Prototype of the IN-IX for your incorporation of the changes required. The IN-3X received under the reference is being retained as a partial delivery of the total order of 10 units.

25X1

Distribution:

Orig & 1 w/att. - Addressee

Attachment: 1 small box

DOCUMENT NO.

NO CHANGE IN CLASS. CI

D DECLASSIFIED

CLASS. CHANGED TO: TS SO 20/0

NEXT REVIEW DATE:

AUTH: HR 70-2

DATE: 2 DEC REVIEWER: 264540